

JUN 20 2006

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

Fee Transmittal

For FY 2006

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 890)

Complete if Known	
Application Number	10/559,405
Filing Date	December 5, 2005
First Named Inventor	Patterson, John W.
Examiner Name	
Art Unit	
Attorney Docket No.	015058-005010US

METHOD OF PAYMENT (check all that apply)

- Check Credit Card Money Order None Other (please identify): _____
- Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
- Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments
- under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Small Entity

Fee (\$)	Fee (\$)
50	25
200	100
360	180

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
28	-20 or HP = 8	x \$50	\$400			
HP = highest number of total claims paid for, if greater than 20						\$360

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
2	-3 or HP = 0	x \$200	\$0

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

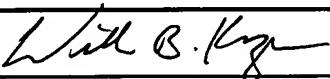
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	- 100 = _____	/ 50 = _____ (round up to a whole number)	_____ x _____	= _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Surcharge _____ 130 _____

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 37,369	Telephone 925-472-5000
Name (Print/Type)	William B. Kezer		Date 6-22-06

60797536 V1



UNITED STATES PATENT AND TRADEMARK OFFICE

15058-
005010us
UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/559,405	FIRST NAMED APPLICANT John W. Patterson	ATTY. DOCKET NO. CL001471 PCT-US
PATENT & TRADEMARK OFFICE JUN 26 2006		INTERNATIONAL APPLICATION NO. PCT/US04/17654
23519 CELERA, AN APPLERA CORPORATION BUSINESS 180 KIMBALL WAY SOUTH SAN FRANCISCO, CA 94080	I.A. FILING DATE 06/04/2004	PRIORITY DATE 06/04/2003
CONFIRMATION NO. 7243 371 FORMALITIES LETTER		
 OC000000018319602		

Rec'd 103 Due 5/22/06 ns

Date Mailed: 03/22/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/05/2005
- Copy of the International Search Report filed on 12/05/2005
- Copy of IPE Report filed on 12/05/2005
- U.S. Basic National Fees filed on 12/05/2005
- Priority Documents filed on 12/05/2005

07/06/2006 MKAYPAH00000097 201430 10559405

01 FC:1617 130.00 DA
02 FC:1616 360.00 DA
03 FC:1615 400.00 DA

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$760 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$890 for a Large Entity:

- \$130 Surcharge.
- Total additional claim fee(s) for this application is \$ 760
 - \$400 for 8 total claims over 20.
 - \$360 for multiple dependent claim surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/559,405	PCT/US04/17654	CL001471 PCT-US

FORM PCT/DO/EO/905 (371 Formalities Notice)



015058PTO/SB/21 (09-04)

TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

Total Number of Pages in This Submission 18 Attorney Docket Number 015058-005010US

Application Number	10/559,405
Filing Date	December 5, 2005
First Named Inventor	Patterson, John W.
Art Unit	
Examiner Name	

ENCLOSURES (Check all that apply)

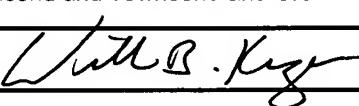
- Fee Transmittal Form
 Fee Attached
 Amendment/Reply
 After Final
 Affidavits/declaration(s)
 Extension of Time Request
 Express Abandonment Request
 Information Disclosure Statement
 Certified Copy of Priority Document(s)
 Reply to Missing Parts/ Incomplete Application
 Reply to Missing Parts under 37 CFR 1.52 or 1.53

- Drawing(s)
 Licensing-related Papers
 Petition
 Petition to Convert to a Provisional Application
 Power of Attorney, Revocation Change of Correspondence Address
 Terminal Disclaimer
 Request for Refund
 CD, Number of CD(s) _____
 Landscape Table on CD

- After Allowance Communication to TC
 Appeal Communication to Board of Appeals and Interferences
 Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
 Proprietary Information
 Status Letter
 Other Enclosure(s) (please identify below):
 Return Postcard
 Declarations
 Copy of Notice to be returned
 Assignment and Coversheet
 Statement under 37 CFR 3.73(b) with copy of Assignment -not for recordation-

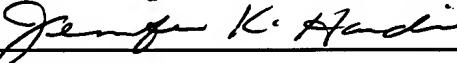
Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	William B. Kezer		
Date	6-22-06	Reg. No.	37,369

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name	Jennifer K. Hardin	Date	6-22-06